INDEX

Benjamin, R. F. *See* Jacobs, Jenkins, Klein & Benjamin

Benjamin, T. B. Verification of the Benjamin–Lighthill conjecture about steady water waves, 337–356

Bowles, R. G. A. & Smith, F. T. Short-scale effects on model boundary layers, 395–407

Bridges, T. J., Christodoulides, P. & Dias, F. Spatial bifurcations of interfacial waves when the phase and group velocities are nearly equal, 121–158

Choi, W. Nonlinear evolution equations for two-dimensional surface waves in a fluid of finite depth, 381–394

Christodoulides, P. *See* Bridges, Christodoulides & Dias

Davis, R. H. *See* Wang & Davis

Dias, F. *See* Bridges, Christodoulides & Dias

Durst, F., Jovanović, J. & Sender, J. LDA measurements in the near-wall region of a turbulent pipe flow, 305–335

Galper, A. & Miloh, T. Dynamic equations of motion for a rigid or deformable body in an arbitrary non-uniform potential flow field, 91–120

He, J., Kazakia, J. Y. & Walker, J. D. A. An asymptotic two-layer model for supersonic turbulent boundary layers, 159–198

Jacobs, J. W., Jenkins, D. G., Klein, D. L. & Benjamin, R. F. Nonlinear growth of the shock-accelerated instability of a thin fluid layer, 23–42

Jenkins, D. G. *See* Jacobs, Jenkins, Klein & Benjamin

Jovanović, J. *See* Durst, Jovanović & Sender

Kamiyama, S. *See* Krakov & Kamiyama

Kazakia, J. Y. *See* He, Kazakia & Walker

Klein, D. L. *See* Jacobs, Jenkins, Klein & Benjamin

Krakov, M. S. & Kamiyama, S. Steady flow past a circular cylinder coated with magnetic fluid: flow structure, drag reduction and coating deformation, 1–22

Miles J. W. A note on modulated cross-waves, 301–304

Miloh, T. *See* Galper & Miloh

Moin, P. *See* Perot & Moin

Nakabayashi, K. & Tsuchida, Y. Flow-history effect on higher modes in the spherical Couette system, 43–60

Patterson, J. C. *See* Schöpf & Patterson

Perlin, M. *See* Ting & Perlin

Perot, B. & Moin, P. Shear-free turbulent boundary layers. Part 1. Physical insights into near-wall turbulence, 199–227

Perot, B. & Moin, P. Shear-free turbulent boundary layers. Part 2. New concepts for Reynolds stress transport equation modelling of inhomogeneous flows, 229–245

Schöpf, W. & Patterson, J. C. Natural convection in a side-heated cavity: visualization of the initial flow features, 357–379

Sender, J. *See* Durst, Jovanović & Sender

INDEX

Benjamin, R. F. *See* Jacobs, Jenkins, Klein & Benjamin

Benjamin, T. B. Verification of the Benjamin–Lighthill conjecture about steady water waves, 337–356

Bowles, R. G. A. & Smith, F. T. Short-scale effects on model boundary layers, 395–407

Bridges, T. J., Christodoulides, P. & Dias, F. Spatial bifurcations of interfacial waves when the phase and group velocities are nearly equal, 121–158

Choi, W. Nonlinear evolution equations for two-dimensional surface waves in a fluid of finite depth, 381–394

Christodoulides, P. *See* Bridges, Christodoulides & Dias

Davis, R. H. *See* Wang & Davis

Dias, F. *See* Bridges, Christodoulides & Dias

Durst, F., Jovanović, J. & Sender, J. LDA measurements in the near-wall region of a turbulent pipe flow, 305–335

Galper, A. & Miloh, T. Dynamic equations of motion for a rigid or deformable body in an arbitrary non-uniform potential flow field, 91–120

He, J., Kazakia, J. Y. & Walker, J. D. A. An asymptotic two-layer model for supersonic turbulent boundary layers, 159–198

Jacobs, J. W., Jenkins, D. G., Klein, D. L. & Benjamin, R. F. Nonlinear growth of the shock-accelerated instability of a thin fluid layer, 23–42

Jenkins, D. G. *See* Jacobs, Jenkins, Klein & Benjamin

Jovanović, J. *See* Durst, Jovanović & Sender

Kamiyama, S. *See* Krakov & Kamiyama

Kazakia, J. Y. *See* He, Kazakia & Walker

Klein, D. L. *See* Jacobs, Jenkins, Klein & Benjamin

Krakov, M. S. & Kamiyama, S. Steady flow past a circular cylinder coated with magnetic fluid: flow structure, drag reduction and coating deformation, 1–22

Miles J. W. A note on modulated cross-waves, 301–304

Miloh, T. *See* Galper & Miloh

Moin, P. *See* Perot & Moin

Nakabayashi, K. & Tsuchida, Y. Flow-history effect on higher modes in the spherical Couette system, 43–60

Patterson, J. C. *See* Schöpf & Patterson

Perlin, M. *See* Ting & Perlin

Perot, B. & Moin, P. Shear-free turbulent boundary layers. Part 1. Physical insights into near-wall turbulence, 199–227

Perot, B. & Moin, P. Shear-free turbulent boundary layers. Part 2. New concepts for Reynolds stress transport equation modelling of inhomogeneous flows, 229–245

Schöpf, W. & Patterson, J. C. Natural convection in a side-heated cavity: visualization of the initial flow features, 357–379

Sender, J. *See* Durst, Jovanović & Sender

Smith, F. T. *See* Bowles & Smith

Ting, C.-L. & Perlin, M. Boundary conditions in the vicinity of the contact line at a vertically oscillating upright plate: an experimental investigation, 263–300

Tsuchida, Y. *See* Nakabayashi & Tsuchida

Verkley, W. T. M. & Zimmerman, J. T. F. A series solution of the nonlinear wind-driven ocean circulation and its inertial limit, 61–89

Walker, J. D. A. *See* He, Kazakia & Walker

Wang, H. & Davis, R. H. Simultaneous sedimentation and coalescence of a dilute dispersion of small drops, 247–261

Zimmerman, J. T. F. *See* Verkley & Zimmerman